

| L Number | Hits | Search Text | DB | Time stamp |
|-------------|--------|--|---|---------------------|
| - | 4111 | 709/223,224.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 19:54 |
| - | 219 | 709/223,224.ccls. and (map or topology).ti,ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 19:55 |
| - | 274377 | (view\$3 or select\$3 or display\$3) near4 (router or switch or bridge or ((device or node or connector or element)) near3 type) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:11 |
| - | 2401 | ((view\$3 or select\$3 or display\$3) near4 (router or switch or bridge or ((device or node or connector or element)) near3 type)) same (map or topology) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 19:57 |
| - | 1240 | ((view\$3 or select\$3 or display\$3) near4 (router or switch or bridge or ((device or node or connector or element)) near3 type)) with (map or topology) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 19:57 |
| - | 9 | (709/223,224.ccls. and (map or topology).ti,ab.) and (((view\$3 or select\$3 or display\$3) near4 (router or switch or bridge or ((device or node or connector or element)) near3 type)) with (map or topology)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 19:58 |
| - | 53 | (709/223,224.ccls. and (map or topology).ti,ab.) and ((view\$3 or select\$3 or display\$3) near4 (router or switch or bridge or ((device or node or connector or element)) near3 type)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 19:58 |
| - | 35 | ((709/223,224.ccls. and (map or topology).ti,ab.) and ((view\$3 or select\$3 or display\$3) near4 (router or switch or bridge or ((device or node or connector or element)) near3 type))) and (@ad<20001023 or @prad<20001023) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:17 |
| - | 1333 | (view\$3 or display\$3) near4 (map or topology) with network | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:04 |
| - | 409 | ((view\$3 or display\$3) near4 (map or topology) with network).ti,ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:04 |

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|---|------|--|---|---------------------|
| - | 131 | ((view\$3 or display\$3) near4 (map or topology) with network).ti,ab.) and (select\$3 or choos\$3).ti,ab,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:07 |
| - | 107 | ((view\$3 or display\$3) near4 (map or topology) with network) and shortest near3 path | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:07 |
| - | 7224 | (view\$3 or select\$3 or display\$3) near4 (router or switch or bridge or (select\$3 near2 (device or node or connector or element))) near4 only | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:19 |
| - | 64 | ((view\$3 or display\$3) near4 (map or topology) with network) and shortest near3 path) and (@ad<20001023 or @prad<20001023) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:16 |
| - | 1274 | (view\$3 or display\$3) near4 (router or switch or bridge or (select\$3 near2 (device or node or connector or element))) near4 only | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:20 |
| - | 1 | (select\$3 near3 (device or node or element or connector) near3 type) and (select\$3 near3 (path or route) near3 type) and ((display\$3 or view\$3) near5 (map or topology)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:29 |
| - | 11 | 709/223,224.ccls. and ((view\$3 or display\$3) near4 (router or switch or bridge or (select\$3 near2 (device or node or connector or element))) near4 only) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/23 20:29 |

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|----|------------|-------------|---|--|
| 1 | L1 | 1735 | topology near3 (database or stor\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 2 | L4 | 815 | 1 with (node or element or link or connect\$3 or segment) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 3 | L5 | 105558 | (administrator or operator or manager) near4 (select\$3 or choos\$3 or indicat\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 4 | L6 | 137 | 4 and 5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 5 | L8 | 21386 | (shortest or fastest or quickest or closest) near6 (path or route or connect\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 6 | L9 | 27 | 6 and 8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 7 | L10 | 7 | 9 and (@ad<20001023 or @prad<20001023) | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 8 | L11 | 0 | 1 and 709224.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 9 | L12 | 120 | 1 and 709/224.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 10 | L13 | 67 | 12 and (@ad<20001023 or @prad<20001023) | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 11 | L14 | 298 | 1 and 5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 12 | L15 | 145 | 14 and (@ad<20001023 or @prad<20001023) | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 13 | L16 | 194 | 13 or 15 | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 14 | L17 | 67 | 13 and 16 | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 15 | L18 | 18 | 13 and 15 | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 16 | L19 | 304 | 1 and 8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 17 | L20 | 34 | 1 and 5 and 8 | USPAT; US-PGPUB; EPO; JPO; DERWENT; |

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|-----------|------------|-------------|--|--|
| 18 | L21 | 5422 | 709/223,224.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 19 | L22 | 27 | 1 and 8 and 21 | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 20 | L24 | 18 | 23 not 18 | USPAT; US-PGPUB; EPO; JPO; DERWENT; |
| 21 | L23 | 18 | (20 or 22) and (@ad<20001023 or @prad<20001023) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

| | L # | Hits | Search Text | DBs |
|----|-----|------|--|--|
| 1 | L1 | 223 | topology with (shortest near3 (route or path)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 2 | L2 | 215 | 1 and network | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 3 | L3 | 109 | 1 and (@ad<20001023 or @prad<20001023) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 4 | L4 | 862 | (discover\$3 or determin\$5 or identif\$4 or identification) with (route or path) with between with (node or computer) with network | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 5 | L5 | 289 | 4 with (two or (start with end) or (destination with source)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 6 | L6 | 337 | 4 with (two or (start with end) or (destination with source) or pair) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 7 | L7 | 229 | 6 and (@ad<20001023 or @prad<20001023) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 8 | L8 | 623 | (discover\$3 or determin\$5 or identif\$4 or identification) near6 (route or path) with between with (node or computer) with network | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 9 | L9 | 522 | (discover\$3 or determin\$5 or identif\$4 or identification) near6 (route or path) with between near6 (node or computer) with network | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 10 | L10 | 208 | 9 with (two or (start with end) or (destination with source) or pair) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 11 | L11 | 147 | 10 and (@ad<20001023 or @prad<20001023) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 12 | L12 | 833 | 709/223-226.ccls. and (route or path).ti,ab,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |

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|----|-----|------|--|--|
| 13 | L13 | 25 | 709/223-226.ccls. and (shortest near5 (route or path)).ti,ab,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 14 | L14 | 87 | 709/223-226.ccls. and (topology and (route or path)).ti,ab,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 15 | L17 | 105 | 3 not 11 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 16 | L18 | 60 | (13 or 14) and (@ad<20001023 or @prad<20001023) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 17 | L19 | 52 | 18 not 11 not 17 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 18 | L20 | 8 | ((view\$3 or display\$3) near4 (map or topology) with network) and shortest near3 path) and (@ad<20001023 or @prad<20001023) and @pd>20030901 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 19 | L21 | 0 | ((discover\$3 or identify or identification or identified or identifying or discover\$3) near3 (shortest near3 path)) with (manag\$5 or administrator or gui or view\$2 or operator or user) and @pd>20030901 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |
| 20 | L22 | 4 | ((start or source) with (end or destination) with ((discover\$3 or identify or identification or identified or identifying or discover\$3 or find\$3 or select\$3) near3 (shortest near3 path))) and (@ad<20001023 or @prad<20001023) and @pd>20030901 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB |